

ABSTRACT OF THE DISCLOSURE

A method and apparatus of protecting a first network from unauthorized access includes storing profile information for each call session, and determining if an unauthorized access of the first network is occurring based on the profile information.

- 5 The profile information includes a predetermined threshold indicating a maximum acceptable rate of incoming data units from an external network to the first network. If the incoming data unit rate exceeds the predetermined threshold, then a security action is taken, such as generating an alarm or preventing further transport of data units from the external network to the first network.